

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0025020-10-0

Permittee: Village of Osceola, Box 217, Osceola, WI, 54020-0217

Facility Where Discharge Occurs: Village of Osceola, 103 Depot Road, Osceola, Wisconsin

Receiving Water and Location: The St. Croix River within the Trout Brook Watershed in the St. Croix River Drainage Basin in Polk County.

Brief Facility Description and Summary of Proposed Changes: The Village of Osceola owns and operates a domestic wastewater treatment system that serves the communities of Osceola and Dresser. The plant designed to treat 606,000 gallons per day currently treats an average of 299,000 gallons per day (July 2014 – July 2019).

The facility is an activated sludge plant which utilizes an extended aeration period. Primary treatment consists of headworks (fine screens and grit separators) that remove debris, chemical addition, an oxidation ditch, clarifiers and disinfection. Specifically, the activated sludge process is composed of settled solids containing naturally occurring microorganisms recycled from the treatment system. Following the headworks, ferric chloride is added to the wastewater to precipitate phosphorus. The wastewater then enters the oxidation ditch (air added) where the microorganisms break down the organic matter. The water is then pumped into final clarifiers where the remaining solids including phosphorus is settled out. The treated wastewater (effluent) is disinfected seasonally (April through October) using an Ultra-Violet light system and discharged to the St. Croix River.

Settled solids (sludge) is removed from the clarifiers; some is returned to the oxidation ditch to re-seed the new wastewater entering the system. The sludge that is not used as activated sludge is treated by bacteria and organisms through aerobic digestion; reducing harmful pathogens and hauled to the West Central Wisconsin Biosolids Facility at Ellsworth for further treatment.

It is the Department's intention to renew the permit for another term. The proposed new permit expiration date will be December 31, 2024. Appropriate discharge limitations, monitoring requirements, and reporting conditions will be included in the permit. Changes from the previous permit include: [1] Regulatory changes require limits in a permit to be expressed as weekly average and monthly average whenever practicable. In order to comply, a weekly fecal coliform geometric mean limit of 656 #/100 has been included. [2] Using current acute and chronic ammonia toxicity criteria and limit calculating procedures Ammonia limitations were calculated for the facility. Daily maximum limits expressed as a variable limit based on pH are required November through April. Regulatory changes require limits in a permit to be expressed as weekly average and monthly average limits whenever practicable. In order to comply with this regulation, Weekly and Monthly Average limits of 108 mg/L have been included. [3] Chloride, hardness and copper sampling shall take place during 2022 to provide more information for the next permit reissuance.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 Maple Street, Spooner, WI, 54801, (715) 635-4131, [sheri.snowbank@wisconsin.gov](mailto:sheri.snowbank@wisconsin.gov)

Basin Engineer's Name, Address, Phone and Email: Jordan Englebert, DNR, 810 W Maple Street, Spooner, WI 54801, (715) 635-4053, [jordan.engagebert@wisconsin.gov](mailto:jordan.engagebert@wisconsin.gov)

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, may be inspected and copied at either the above named permit drafter's office or the above named basin engineer's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter or basin engineer for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (715) 635-4131 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice,

permit and fact sheet. Permit information is also available on the internet at:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: The Sun

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 248, Osceola, WI 54020-0248

Date Notice Issued: October 23, 2019

# STREAMLINED PUBLIC NOTICE VERSION FOR NEWSPAPER

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0025020-10-0

FOR THE COMPLETE PUBLIC NOTICE AND DETAILS GO TO THE WEB LINK:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>

Permittee: Village of Osceola, Box 217, Osceola, WI, 54020-0217

Facility Where Discharge Occurs: Village of Osceola, 103 Depot Road, Osceola, Wisconsin

Receiving Water And Location: The St. Croix River within the Trout Brook Watershed in the St. Croix River Drainage Basin in Polk County.

Brief Facility Description: The Village of Osceola owns and operates a wastewater treatment system serving the communities of Osceola and Dresser. The facility is an activated sludge plant with chemical addition for phosphorus removal. Effluent is disinfected seasonally (April through October) via an UV system. Sludge that is not returned to the system is removed and aerobic digested prior to transportation to the West Central Wisconsin Biosolids Facility at Ellsworth for further treatment.

Permit Drafter's Name, Address, Phone and Email: Sheri A. Snowbank, DNR, 810 Maple Street, Spooner, WI, 54801, (715) 635-4131, [sheri.snowbank@wisconsin.gov](mailto:sheri.snowbank@wisconsin.gov)

Basin Engineer's Name, Address, Phone and Email: Jordan Englebert, DNR, 810 W Maple Street, Spooner, WI 54801, (715) 635-4053, [jordan.Englebert@wisconsin.gov](mailto:jordan.Englebert@wisconsin.gov)

The Department has tentatively decided that the above specified WPDES permit should be reissued.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued.

The Department may schedule a public informational hearing if requested by any person and shall schedule an informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Information on requesting a hearing is at the above web link.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Information on file for this permit action, including the draft permit, fact sheet and permit application, may be reviewed on the internet at the above web link or may be inspected and copied at the permit drafter's office during office hours. Information on this permit may also be obtained by calling the permit drafter or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.